

ABSTRACT OF THE DISCLOSURE

A pure water tank for a fuel battery power generating system includes a tank body and a heat insulation mechanism arranged in the circumference of the tank body. By this heat insulation mechanism, the freezing of pure water in the tank body is prompted from the side of a bottom wall of the tank body. In the tank body, the growth of an ice gorge progresses from the side of the bottom wall toward a top wall of the tank body along its side walls and finally, the pure water freezes totally. Since the expansion of water due to its freezing is allowed in the upper space of tank body, the deformation of the side walls can be prevented. For promoting to thaw out the frozen water, a jacket is formed so as to extend from the bottom wall of the tank body to the side walls. A plurality of heat medium tubes may be provided to cross the interior of the tank body between an introductory side pipe of the jacket and an emissary side pipe of the jacket. Then, by introducing liquid heat medium into the jacket and the heat medium tubes, both peripheries and center of the ice gorge are firstly heated, so that the whole ice gorge can be thawed out in a short time.